

# Datavideo Product Compare

<https://datavideo.com/tw/>

|         |                                                                                                                                                                                                                                                                                                                                                                              |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 型號      | <b>iCAST 10NDI MKII</b>                                                                                                                                                                                                                                                                                                                                                      |
| 產品      | 4 通道直播切換台                                                                                                                                                                                                                                                                                                                                                                    |
| 影像系統    | HD & SD                                                                                                                                                                                                                                                                                                                                                                      |
| 影像格式    | Input:<br>1080p60/59.94/50,<br>1080p30/29.97/25/24/23.98<br>1080i60/59.94/50<br>720p60/59.94/50<br>480i59.94, 576i50<br><br>Output:<br>1080p60/59.94/50→1080p60/59.94/50<br>1080p30/29.97/25/24/23.98→1080p30/29.97/25/24/23.98<br>1080i60/59.94/50→1080p30/29.97/25<br>720p60/59.94/50→720p60/59.94/50<br>480i59.94, 576i50→480p29.97, 576p25<br>(not supporting interlace) |
| 影像處理    |                                                                                                                                                                                                                                                                                                                                                                              |
| 輸入設定    | N/A                                                                                                                                                                                                                                                                                                                                                                          |
| 影像輸入    | 1 x 3G/HD/SD-SDI (BNC 75 ohm)<br>4 x HDMI 1.4 (Channel 1 as SDI/HDMI selectable)<br>3 x RTSP/ SRT/ NDI   HX via IP Stream                                                                                                                                                                                                                                                    |
| 相容HD/SD | Yes                                                                                                                                                                                                                                                                                                                                                                          |
| 電腦連結    | 4 via HDMI                                                                                                                                                                                                                                                                                                                                                                   |

|             |                                                                                                                                                                               |
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| 影像輸出        | 1 x 3G/HD/SD-SDI loop-through<br>1 x HDMI 1.4<br>1 x HDMI 1.4 (Multiview)<br>1 X USB3.0 (UVC)<br>2 x RJ-45 female (10/100/1000M Ethernet) (LAN & WAN)                         |
| 下轉輸出        | 1080p output                                                                                                                                                                  |
| 多分割監看       | HDMI x1                                                                                                                                                                       |
| 聲音輸入        | XLR Balanced audio x2<br>RCA Unbalanced audio x 1 pair<br>SDI embedded audio<br>HDMI embedded audio<br>IP Audio (RTSP AAC-ADTS, PCM)<br>(External and embedded audio mixable) |
| 聲音輸出        | 3.5mm x1 (headphone, PGM audio monitoring)                                                                                                                                    |
| 支持聲音軌數      |                                                                                                                                                                               |
| 聲音延遲        | Each channel delay time: 0-3000ms                                                                                                                                             |
| 影音像同步<br>切換 |                                                                                                                                                                               |
| 影像去背        | N/A                                                                                                                                                                           |
| 字幕機         | Web GUI                                                                                                                                                                       |
| USK         | N/A                                                                                                                                                                           |
| DSK         | N/A                                                                                                                                                                           |
| 子母畫面        | Yes (PGM)                                                                                                                                                                     |
| LOGO顯示      | Yes                                                                                                                                                                           |
| 靜態圖片儲存      | N/A                                                                                                                                                                           |
| 特效          | Cut                                                                                                                                                                           |
| 過場預覽        | N/A                                                                                                                                                                           |
| 同步訊號輸入/出    | N/A                                                                                                                                                                           |
| Tally輸出     | N/A                                                                                                                                                                           |

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| 電腦控制     | Web UI for system configuration and control<br>Serial Port Control: RS-232 (RJ-45)                                                                                          |
| 攝影機控制    | N/A                                                                                                                                                                         |
| 混音器      | Yes                                                                                                                                                                         |
| 影片儲存     | SATA (6Gb/s)                                                                                                                                                                |
| 錄影檔案系統   | FAT, exFAT                                                                                                                                                                  |
| 錄影檔案格式   | MP4                                                                                                                                                                         |
| 影像編碼     | H.264                                                                                                                                                                       |
| 聲音編碼     | AAC-LC<br>Sample rate: 48KHz, 16bit<br>Configurable bit rate: 128K or 256K or 384K                                                                                          |
| 直播編碼通訊協議 | DHCP client<br>TS over UDP (unicast & multicast)<br>RTSP over HTTP/TCP/UDP<br>RTMP (Publish)/RTMPS<br>HLS<br>SRT Caller and Listener<br>Web RTC (encode/decode)<br>NDI   Hx |
| 韌體更新     | Web UI (network)<br>USB 3.0 (phase 2)                                                                                                                                       |
| 特別功能     | Vertical video: crop or rotate<br>Vertical video Multiview                                                                                                                  |
| 外型       | 1U rack mount                                                                                                                                                               |
| 尺寸       | 440x284x44 w/o rack mount ear<br>484x284x44 w/ rack mount ear                                                                                                               |
| 重量       | 2.926KG                                                                                                                                                                     |
| 電源       | DC 12V 2A 24W                                                                                                                                                               |
| 操作溫度     | 0°C to 40°C (32°F to 122°F)                                                                                                                                                 |

附件

- 1 x iCast 10NDI MKII main unit
- 1 x DC 12V Power Adaptor
- 2 x 1U Rack Mount Ear
- 6 x M4 Screws for Rack Mount Ear
- 1 x 2.5" Removable HDD/SSD Enclosure
- 4 x Screws for 2.5 Removable HDD/SSD Enclosure
- 1 x Blank Label
- 1 x SATA to USB 3.0 Cable